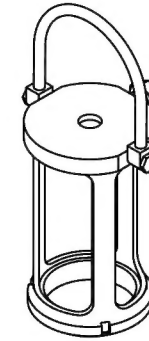
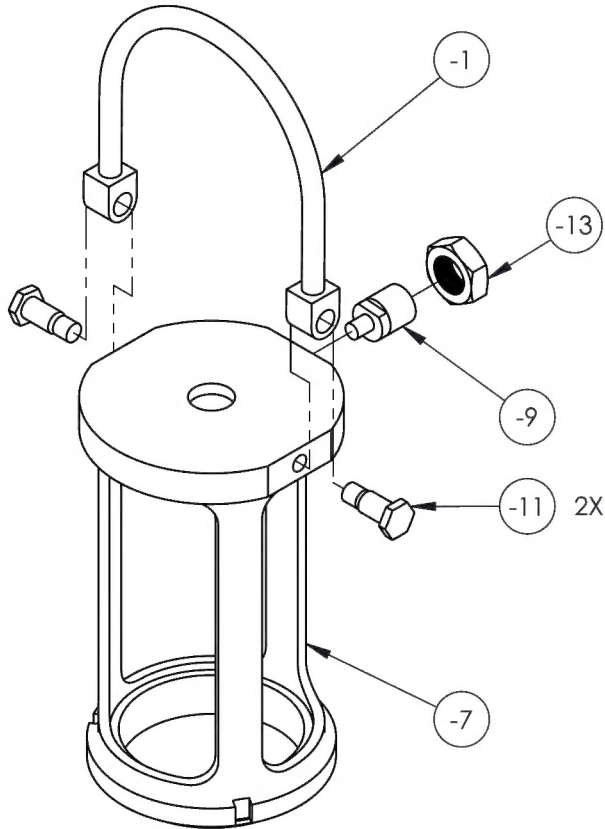


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| REVISIONS | | | | | |
|-----------|---------|--|----------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 15-0286 | -3 DELETED THREADED ENDS AND DIMS 2X 3/8-16 UNC AND 2X .50. -5 CH'D HOLE WAS 3/8-16 UNC Ψ .750 IS Φ .472 Ψ .75 S.F. -3, -9 ADDED MISSING DIM .748, ADDED MIN. THREAD RELIEF, -11 DELETED DIM (Φ .44) ADDED DIM (Φ .33). | 9/2/2015 | RJC | JAG |



NOTE:

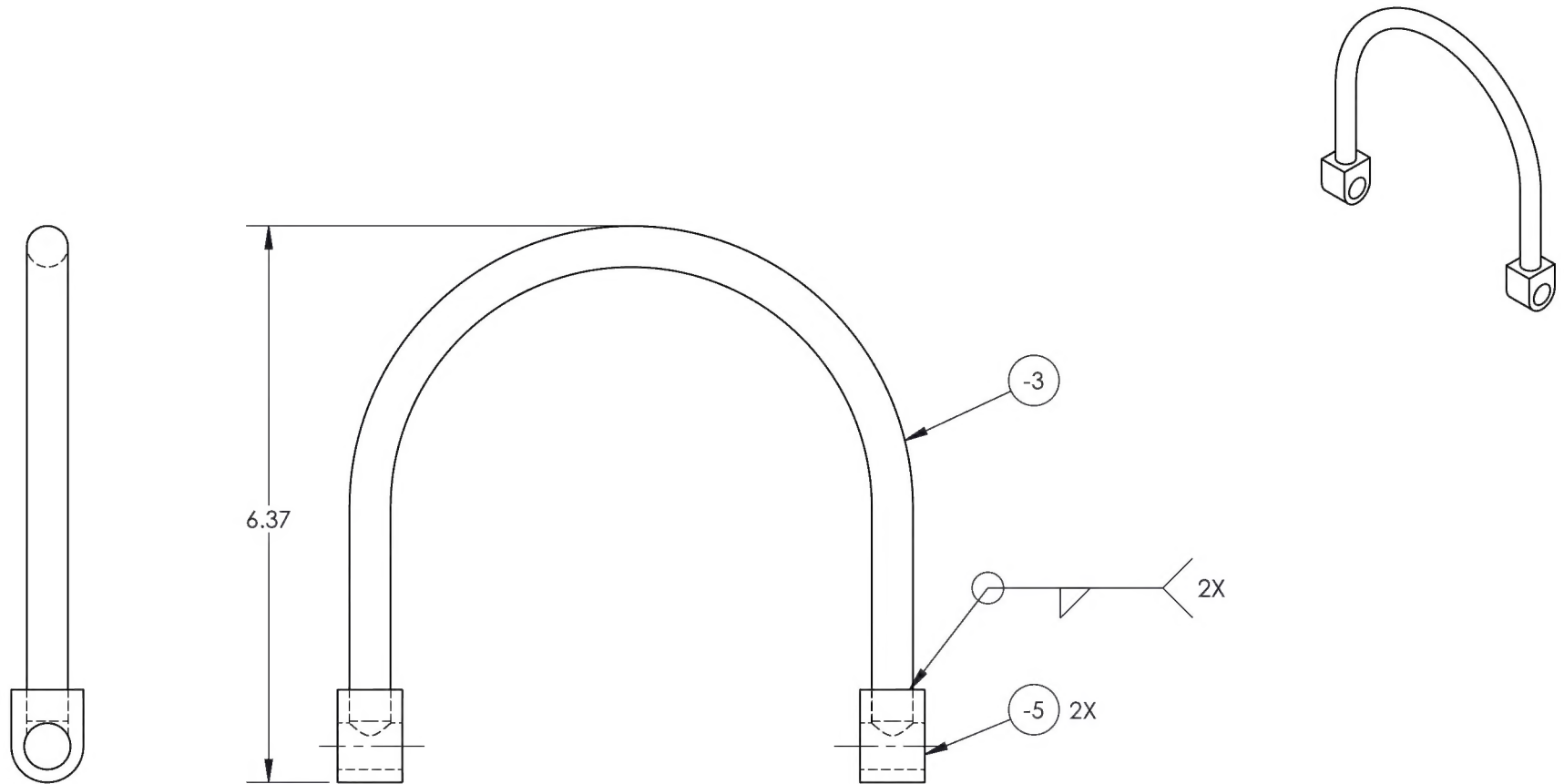
1. REF. AUGUSTA T/N: 3G1805G01631.
2. ALSO PART OF KIT RBW1805G01431-3G, REF. AUGUSTA T/N: 3G1805G01431.

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|-------------------|----------|---------------------------------------|-----|
| | X | | -1 | 1 | HANDLE WELDMENT | | | 2 |
| | 1 | | -3 | | HANDLE | S.S. | | 3 |
| | 2 | | -5 | | HANDLE END | S.S. | | 4 |
| | | | -7 | 1 | INSTALLATION BASE | S.S. | | 5 |
| | | | -9 | 1 | THREADED SPACER | S.S. | | 6 |
| | | | -11 | 2 | HANDLE BOLT | S.S. | | 7 |
| | | B/O | -13 | 1 | HEX NUT | S.S. | 7/8-14 UNF (MCMASTER-CARR #91847A565) | 1 |
| | ASSY -1 | | | | | | | |

| | |
|--|---|
| DART AEROSPACE | |
| TITLE MVA INSTALLATION TOOL | |
| DWG NO. RBW1805G01631-3G | REV 2 |
| MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 .XX \pm .01 .X \pm .1 | DRAWN BY: SMITH APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | USED ON MODEL AW139 |
| SCALE 1:4 | DATE 4/29/2013 |
| SHEET 1 OF 7 | |

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| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL |
| | | | | APPROVED |

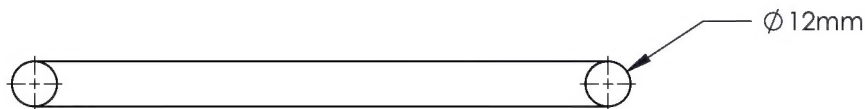
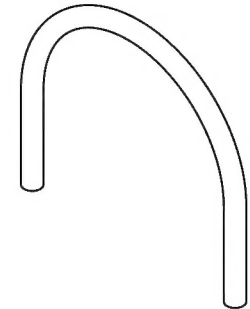
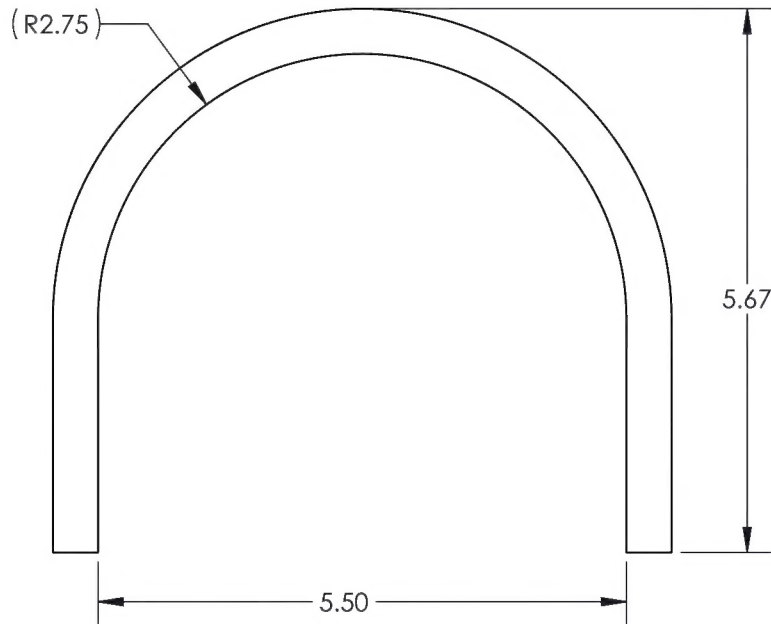


(-1)
HANDLE WELDMENT

| | |
|--|------------------------|
| DART AEROSPACE | |
| TITLE MVA INSTALLATION TOOL | |
| DWG NO. RBW1805G01631-3G-1 | REV 2 |
| MAT'L | DRAWN BY: SMITH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005 | HEAT |
| .XX ± .01 | TREAT |
| .X ± .1 | FINISH |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | SPEC |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | USED ON MODEL AW139 |
| SCALE 1:2 | DATE 4/29/2013 |
| SHEET 2 OF 7 | |

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| REVISIONS | | | | | |
|-----------|---------|---|----------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 15-0286 | -3 DELETED THREADED ENDS AND DIMS 2X 3/8-16 UNC AND 2X .50. | 9/2/2015 | RJC | JAG |



(-3)

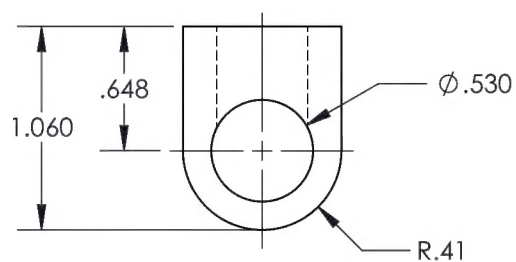
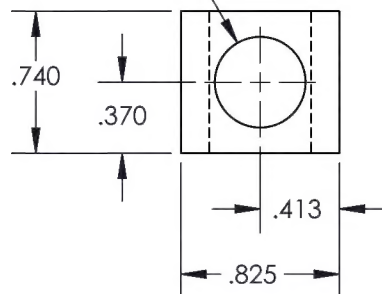
HANDLE

| | |
|--|------------------------|
| DART AEROSPACE | |
| TITLE MVA INSTALLATION TOOL | |
| DWG NO. RBW1805G01631-3G-3 | REV 2 |
| MAT'L S.S. | DRAWN BY: SMITH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .010 | HEAT |
| .XX ± .03 | TREAT |
| .X ± .1 | FINISH |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | SPEC |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | USED ON MODEL AW139 |
| SCALE 1:2 | DATE 4/29/2013 |
| SHEET 3 OF 7 | |

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| REVISIONS | | | | | |
|-----------|---------|--|----------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 15-0286 | -5 CH'D HOLE WAS 3/8-16 UNC ∇ .750 IS ∇ .472 ∇ .75 S.F. -3. | 9/2/2015 | RJC | JAG |

∇ .472 ∇ .75
S.F. -3



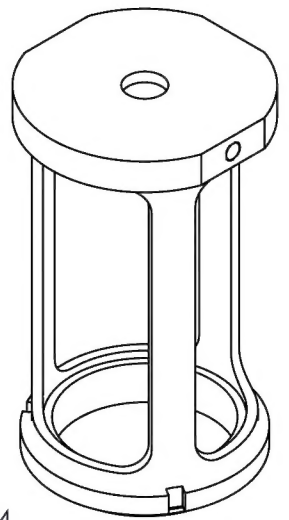
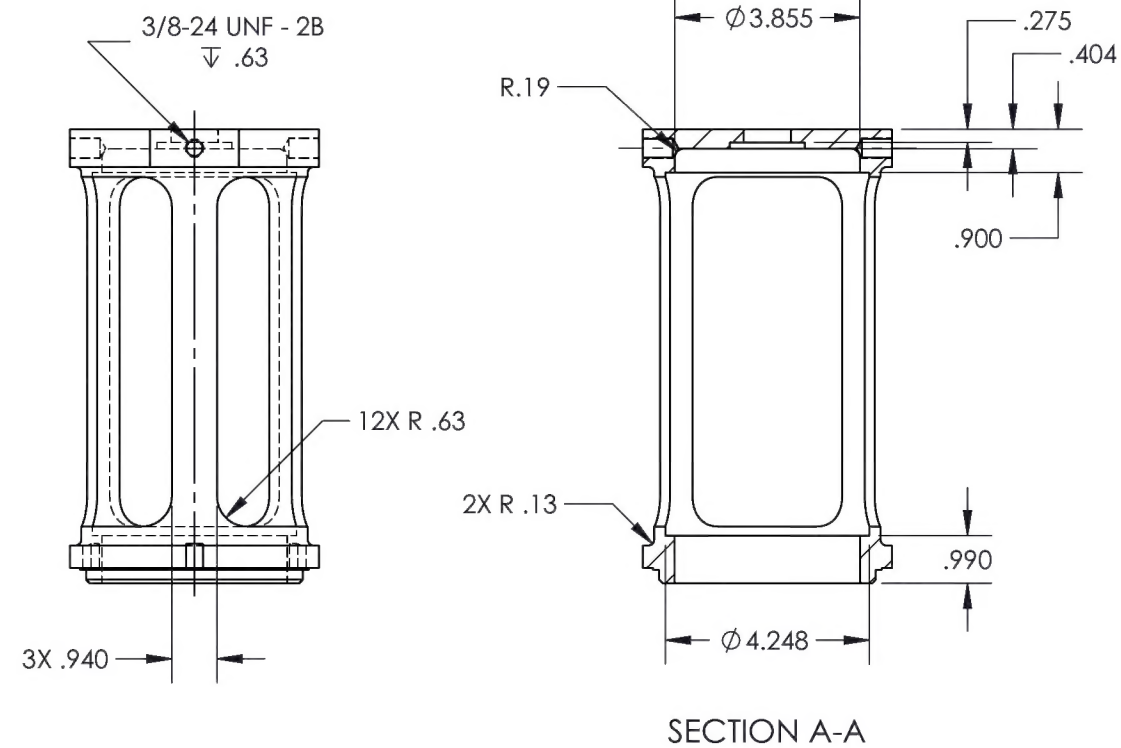
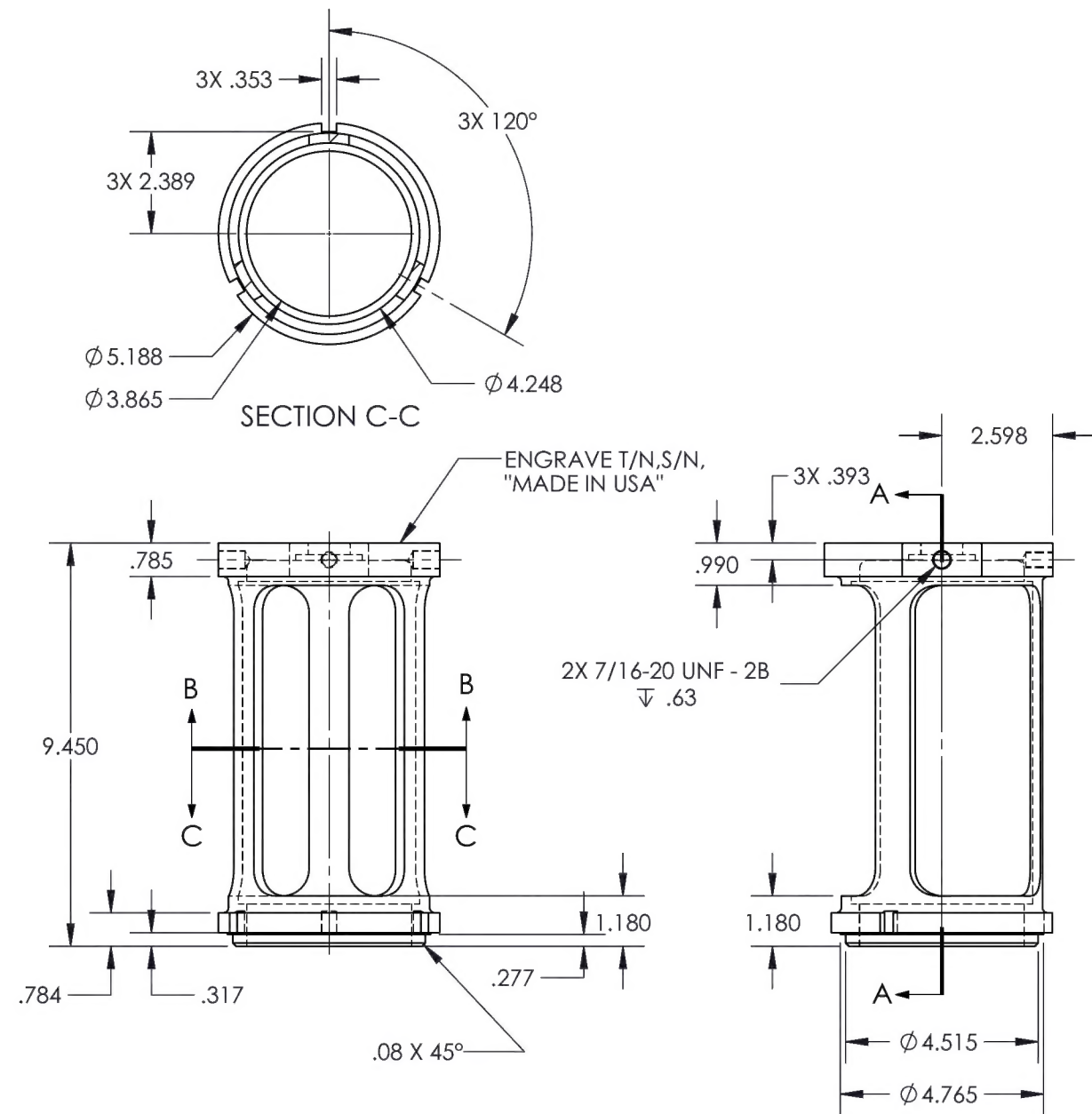
(-5)

HANDLE END

| | |
|--|------------------------|
| DART AEROSPACE | |
| TITLE MVA INSTALLATION TOOL | |
| DWG NO. RBW1805G01631-3G-5 | REV 2 |
| MAT'L S.S. | DRAWN BY: SMITH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX \pm .005 | HEAT |
| .XX \pm .01 | TREAT |
| .X \pm .1 | FINISH |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | SPEC |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | USED ON MODEL |
| | AW139 |
| SCALE 1:1 | DATE 4/29/2013 |
| | SHEET 4 OF 7 |

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| REVISIONS | | | | | |
|-----------|-----|-------------|------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |

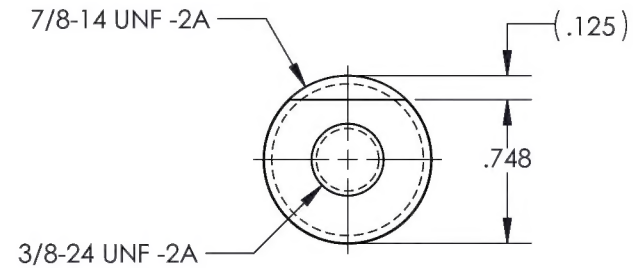
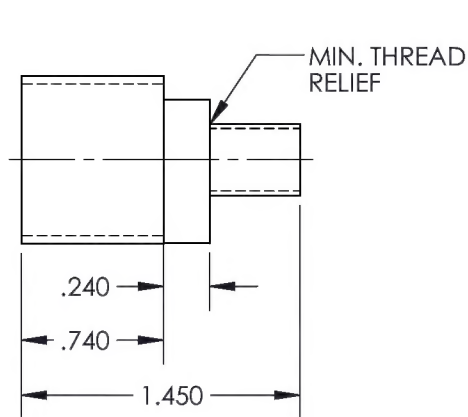
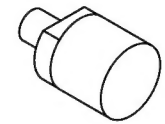


⑦
INSTALLATION BASE

| DART AEROSPACE | | | |
|--|-------------------|--------------------|----------|
| TITLE MVA INSTALLATION TOOL | | | |
| DWG NO. RBW1805G01631-3G-7 | | | REV 2 |
| MAT'L S.S. | | DRAWN BY: SMITH | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | APPROVED D Weil | |
| .XXX ± .005 | | FRACTIONS ± 1/8 | |
| .XX ± .01 | | ANGLES ± 5° | |
| .X ± .1 | | SPEC | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | | USED ON MODEL | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | AW139 | |
| SCALE 1:4 | DATE 4/29/2013 | SHEET 5 OF 7 | |

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| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 15-0286 | -9 ADDED MISSING DIM .748, ADDED MIN. THREAD RELIEF. | 9/2/2015 | RJC | JAG |



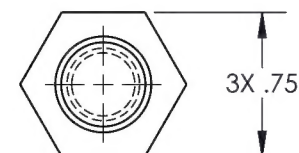
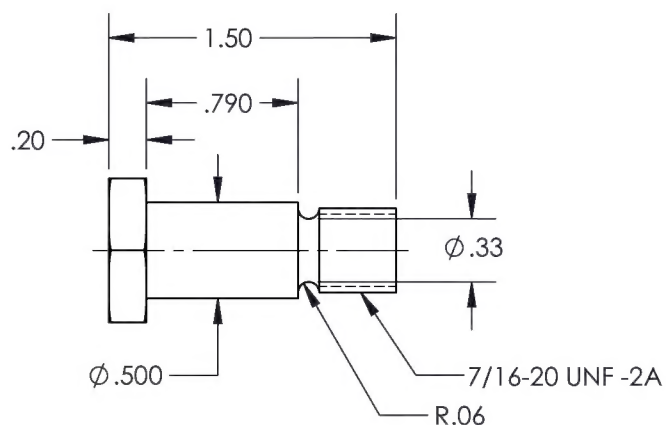
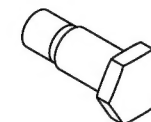
-9

THREADED SPACER

| | |
|--|------------------------|
| DART AEROSPACE | |
| TITLE MVA INSTALLATION TOOL | |
| DWG NO. RBW1805G01631-3G-9 | REV 2 |
| MAT'L S.S. | DRAWN BY: SMITH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005 | HEAT TREAT |
| .XX ± .01 | FINISH |
| .X ± .1 | SPEC |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | USED ON MODEL |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | AW139 |
| SCALE 1:1 | DATE 4/25/2013 |
| SHEET 6 OF 7 | |

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| REVISIONS | | | | | |
|-----------|---------|---|----------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 15-0286 | -9 DELETED DIM (Ø.44) ADDED DIM (Ø.33). | 9/2/2015 | RJC | JAG |



(-11)

HANDLE BOLT

| | |
|--|------------------------|
| DART AEROSPACE | |
| TITLE MVA INSTALLATION TOOL | |
| DWG NO. RBW1805G01631-3G-11 | REV 2 |
| MAT'L S.S. | DRAWN BY: SMITH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005 FRACTIONS ± 1/8 | HEAT TREAT |
| .XX ± .01 ANGLES ± 5° | FINISH |
| .X ± .1 | SPEC |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | USED ON MODEL |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | AW139 |
| SCALE 1:1 | DATE 4/25/2013 |
| SHEET 7 OF 7 | |